

JAP6 Rec'd PCT/PTO 22 FEB 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER
411000-148

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
10/569233

INTERNATIONAL APPLICATION NO. PCT/DE2004/001930	INTERNATIONAL FILING DATE August 31, 2004	PRIORITY DATE CLAIMED September 3, 2003
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TITLE OF INVENTION

POLYMER MIXTURES FOR PRINTED POLYMER ELECTRONIC CIRCUITS

APPLICANT(S) FOR DO/EO/US

Adolf BERNDS, Wolfgang CLEMENS, Alexander Friedrich KNOBLOCH, Andreas ULLMANN

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached herewith (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US)
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern other document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application data sheet under 37 CFR 1.76.
15. A substitute specification.
16. A change of power of attorney and/or address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 15(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER		
10/569233	pct/de2004/001930	411000-148		
20. <input checked="" type="checkbox"/> Other items or information: Request; International Search Report with Written Opinion; Demand with response to Written Opinion; Second Written Opinion dated Aug. 10, 2005; Reply to Second Written opinion dated Aug. 10, 2005; International Preliminary Examination Report;				
The following fees are submitted:		CALCULATIONS PTO USE ONLY		
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300.00		\$ 300		
22. <input checked="" type="checkbox"/> Examinaton fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPE/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0		\$ 200		
All other situations \$200.00				
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPE/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100.00 International Search Report prepared ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400.00 All other situations \$500.00		\$ 400		
TOTAL OF 21, 22 and 23 =		\$ 900		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction RATE thereof (round up to a whole number) RATE		
12-100 =	0/50 = 0	x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total Claims	20 - 20 =	0	X \$50.00	\$ 0
Independent Claims	2 - 3 =	0	X \$200.00	\$ 0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =		\$ 900		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2		\$		
		SUBTOTAL =	\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f))		\$		
TOTAL NATIONAL FEE =		\$		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$		
TOTAL FEES ENCLOSED =		\$ 900		
		Amount to be refunded:	\$	
		Amount to be charged:	\$	

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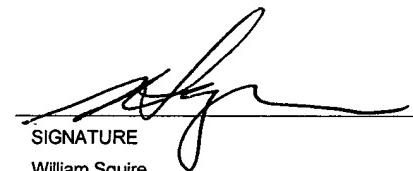
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- a. A check in the amount of \$900 to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. 03-0678 in the amount of \$_____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-0678. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit Card Information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

William Squire
Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein
5 Becker Farm
Roseland, New Jersey 07068

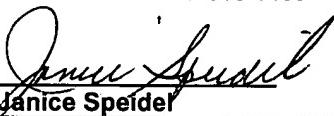

SIGNATURE
William Squire
NAME
25,378
REGISTRATION NUMBER

EXPRESS MAIL CERTIFICATE

Express Mail Label EV 405481129 US
Deposit Date: February 22, 2006

I hereby certify that this paper and the attachments hereto are being deposited today with the U.S. Postal Service "Express Mail Post Office To Addressee" service under 37 CFR 1.10 on the date indicated above addressed to:

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450


Janice Speider

Feb. 22, 2006
Date